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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
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08/988,439 12/11/97 GONG

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020277
MCDERMOTT WILL & EMERY
600 13TH STREET NW
WASHINGTON DC 20005-3096

LM02/0825

EXAMINER

BADERMAN, S

ART UNIT

PAPER NUMBER

2785

DATE MAILED:

08/25/99

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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

08/988,439

Applicant(s)

Gong

Examiner

Scott T. Baderman

Group Art Unit

2785



☒ Responsive to communication(s) filed on Dec 11, 1997

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-24 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-24 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 6 & 7

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2785

Examiner: Scott T. Baderman

United States Department of Commerce

Patent and Trademark Office

Washington, D.C. 20231



DETAILED ACTION

Claim Objections

1. Claim 10 is objected to because of the following informalities: In line 3, the limitation "the one or more processors" lacks antecedent basis. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

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3. Claims 1, 10 and 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Atsatt et al. (5,758,153).

As in claims 1, 10 and 19, Atsatt discloses a computer implemented method, in which the method is performed by executing instructions on a computer-readable medium, and a system, which includes a processor and a memory coupled to the processor, for providing security that comprises the steps and means for 1) establishing one or more protection domains, wherein a protection domain is associated with zero or more permissions (rights), 2) establishing an association between the one or more protection domains and one or more classes of one or more objects (i.e., the file system entities are associated with classes) and 3) determining whether an action requested by a particular object is permitted based on the association between the one or more protection domains and the one or more classes (Figure 1, Abstract, column 5: lines 23-25, column 9: lines 39-59).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

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having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2-9, 11-18 and 20-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Atsatt et al..

As in claims 2, 11 and 20, Atsatt discloses the method and system above. However, Atsatt does not clearly disclose a code identifier associated with at least one protection domain and at least one class, wherein the step and means for establishing the association between the protection domains and the classes of one or more objects includes the step and means for associating the protection domains and the classes based on the code identifier.

It would have been obvious to a person skilled in the art at the time the invention was made to include a code identifier as described above into the method and system taught by Atsatt above. This would have been obvious because Atsatt clearly teaches that each domain is defined as a set of {object, rights}, which determines the association between each protection domain and an individual file, wherein the file (object) defines a class (column 2: lines 12-14, column 9: lines 39-59), which would suggest to a person skilled in the art that the set that defines the protection domains can be interpreted as a code identifier.

As in claims 3, 12 and 21, Atsatt discloses the method and system above. However, Atsatt does not specifically teach the use of a source code to define each class in accordance with the

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code identifier. "Official Notice" is taken that source codes are well known in the art to define classes.

It would have been obvious to a person skilled in the art at the time the invention was made to include the use of a source code to define each class in accordance with the code identifier into the method and system taught by Atsatt above. This would have been obvious because of the "Official Notice" statement made above.

As in claims 4, 13 and 22, Atsatt discloses the method and system above. However, Atsatt does not clearly disclose a method and system wherein the code identifier indicates a key associated with each class. "Official Notice" is taken that keys are well known in the art as being identifiers for a record or group of records in a data file (see definition of key).

It would have been obvious to a person skilled in the art at the time the invention was made to include a key as described above into the method and system taught by Atsatt above. This would have been obvious because of the "Official Notice" statement made above and the fact that classes define a group of records in a data file.

As in claims 5, 14 and 23, the Applicant is directed to claims 3-4, 12-13 and 21-22 above, respectively, which include similar limitations.

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As in claims 6, 15 and 24, Atsatt discloses the method and system above. Atsatt further discloses the step of associating the protection domains and the classes based on data persistently stored (access control list), wherein the data associates code identifiers, as described above, with a set of permissions (rights) (column 25: lines 50-65).

As in claims 7 and 16, the Applicant is directed to claims 1-3 and 10-12 above, respectively, which include similar limitations.

As in claims 8 and 17, the Applicant is directed to claims 5 and 14 above, respectively, which includes similar limitations.

As in claims 9 and 18, the Applicant is directed to claims 5-6 and 14-15 above, respectively, which include similar limitations.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patents

Wendorf et al. (5,845,129)

Atkinson et al. (5,892,904)

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Deo (5,720,033)

Fieres et al. (5,841,870)

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott T. Baderman whose telephone number is (703) 305-4644.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308-9051, (for formal communications intended for entry)

Or:

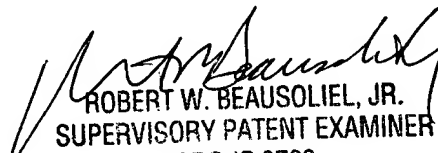
(703) 305-3718 (for informal or draft communications, please label

"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA,
Sixth Floor (Receptionist).

STB

August 23, 1999


ROBERT W. BEAUSOLIEL, JR.
SUPERVISORY PATENT EXAMINER
GROUP 2700